Performance Data Sheet

HGA9468ZXA

General Information

Model	HGA9468ZXA	**Refrigerant**	R-404A
Test Condition	ARI	**Performance Test Voltage**	115V ~ 60HZ
Return Gas	4.4°C (40°F) RETURN GAS	**Motor Type**	N/A

Performance Information

Evap Temp (°F)		Condensing Temperature (°F)						
		80	**90**	**100**	**110**	**120**	**130**	**140**
0	Btu/h	7240	6570	5890	5210	4530	3830	3130
	Watts	670	749	827	906	986	1070	1150
	Amps	8.69	9.21	9.73	10.3	10.8	11.3	11.9
	Lb/h	126	121	116	110	105	99.1	93.2
5	Btu/h	8120	7360	6590	5820	5040	4260	3470
	Watts	682	766	850	934	1020	1100	1190
	Amps	8.76	9.33	9.89	10.5	11.0	11.6	12.2
	Lb/h	142	136	130	124	118	111	105
10	Btu/h	9030	8170	7320	6450	5590	4710	3830
	Watts	691	781	871	962	1050	1140	1230
	Amps	8.83	9.44	10.0	10.7	11.3	11.9	12.5
	Lb/h	159	152	145	139	132	124	117
15	Btu/h	9960	9020	8070	7110	6160	5190	4220
	Watts	696	793	889	985	1080	1180	1280
	Amps	8.89	9.53	10.2	10.8	11.5	12.2	12.8
	Lb/h	176	169	162	154	146	138	130
20	Btu/h	10900	9890	8850	7810	6760	5700	4640
	Watts	696	798	901	1000	1110	1210	1320
	Amps	8.92	9.61	10.3	11.0	11.7	12.4	13.1
	Lb/h	195	187	179	170	162	153	144
25	Btu/h	11900	10800	9660	8530	7380	6230	5080
	Watts	687	797	907	1020	1130	1240	1350
	Amps	8.93	9.67	10.4	11.1	11.9	12.6	13.4
	Lb/h	214	206	197	188	178	169	159
30	Btu/h	13000	11700	10500	9280	8040	6800	5550
	Watts	669	786	903	1020	1140	1260	1370
	Amps	8.92	9.70	10.5	11.3	12.1	12.9	13.7
	Lb/h	235	225	215	205	195	185	175

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.258753E+04	4.258748E+01	4.557707E+00	1.655767E+02
C2	3.179672E+02	-6.249611E+00	-4.925424E-02	4.303069E+00

C3	-6.742339E+01	7.921998E+00	5.212084E-02	-5.117662E-01
C4	6.647950E-01	-6.101296E-02	-2.486172E-04	1.994332E-02
C5	-1.830435E+00	1.084554E-01	8.224137E-04	-1.545372E-02
C6	1.925192E-02	-1.763609E-03	-1.573727E-05	5.442987E-04
C7	7.401867E-04	-2.525323E-03	-4.837978E-06	-3.898202E-05
C8	-1.109059E-03	6.910498E-04	1.362244E-06	-1.185059E-05
C9	1.498898E-04	-4.991094E-06	-1.591239E-08	3.603737E-06
C10	-1.429525E-04	1.026786E-05	1.175038E-07	-4.160641E-06

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature

Performance Data Sheet

HGA9468ZXA

General Information

Model	HGA9468ZXA	**Refrigerant**	R-404A
Test Condition	ARI	**Performance Test Voltage**	115V ~ 60HZ
Return Gas	18.3°C (65°F) RETURN GAS	**Motor Type**	N/A

Performance Information

Evap Temp (°F)		Condensing Temperature (°F)						
		80	**90**	**100**	**110**	**120**	**130**	**140**
20	Btu/h	10500	9540	8560	7580	6600	5630	4670
	Watts	711	812	913	1010	1120	1220	1320
	Amps	8.71	9.45	10.2	10.9	11.7	12.4	13.2
	Lb/h	168	161	154	147	139	132	125
25	Btu/h	11700	10500	9440	8340	7240	6150	5070
	Watts	711	819	928	1040	1140	1250	1360
	Amps	8.73	9.51	10.3	11.1	11.9	12.7	13.5
	Lb/h	188	180	171	163	154	146	138
30	Btu/h	12900	11600	10400	9170	7950	6740	5530
	Watts	707	822	938	1050	1170	1290	1400
	Amps	8.71	9.55	10.4	11.2	12.1	12.9	13.8
	Lb/h	210	200	190	180	170	161	151
35	Btu/h	14200	12800	11500	10100	8750	7410	6080
	Watts	697	820	943	1070	1190	1310	1440
	Amps	8.65	9.54	10.4	11.3	12.2	13.1	14.0
	Lb/h	234	223	211	200	189	178	167
40	Btu/h	15600	14100	12600	11100	9660	8180	6720
	Watts	681	812	942	1070	1200	1330	1470
	Amps	8.54	9.49	10.4	11.4	12.3	13.3	14.2
	Lb/h	261	248	235	222	209	197	184
45	Btu/h	17200	15500	13900	12300	10700	9060	7470
	Watts	658	796	935	1070	1210	1350	1490
	Amps	8.38	9.39	10.4	11.4	12.4	13.4	14.4
	Lb/h	291	276	261	247	233	218	204
50	Btu/h	18900	17100	15300	13600	11800	10100	8330
	Watts	627	773	920	1070	1210	1360	1510
	Amps	8.16	9.23	10.3	11.4	12.4	13.5	14.6
	Lb/h	324	307	291	275	258	242	227

COEFFICIENTS	CAPACITY	POWER	CURRENT	MASS FLOW
C1	1.109044E+04	7.140491E+01	4.014037E+00	1.274112E+02
C2	3.456509E+02	-7.427645E+00	-5.145051E-02	4.438714E+00

C3	-5.546517E+01	7.652599E+00	5.578813E-02	-3.015780E-01
C4	1.091679E+00	-4.831322E-02	-3.483918E-04	2.672452E-02
C5	-2.155078E+00	1.227181E-01	8.869493E-04	-2.125576E-02
C6	9.612950E-04	-1.291021E-03	-1.112631E-05	5.633404E-05
C7	1.765030E-02	-1.097841E-03	-8.054727E-06	3.473713E-04
C8	-7.749957E-03	4.707840E-04	3.428042E-06	-1.516264E-04
C9	4.542508E-04	-2.538402E-05	-1.808120E-07	8.711914E-06
C10	4.411120E-05	7.155405E-06	6.601047E-08	5.626310E-07

Value = C1 + C2 * Te + C4 * Te^2 + C7 * Te^3 + (C3 + C5 * Te + C8 * Te^2) * Tc + (C6 + C9 * Te) * Tc^2 + C10 * Tc^3

Te = Evaporator Temperature

Tc = Condensing Temperature